

The background features a central glowing blue sphere with a lens-like structure, surrounded by abstract blue and white lines and patterns. A prominent magenta, torn-edge graphic element is at the top. The Audiobahn logo is centered in white, with a registered trademark symbol. Below it, the slogan 'QUALITY, RELIABILITY, & PURE BLISS' is written in a clean, white, sans-serif font.

Audiobahn®
QUALITY, RELIABILITY, & PURE BLISS

UNIVERSAL MOUNT
DVD PLAYER
AVDVD1P

OPERATING INSTRUCTIONS

PLEASE READ THIS MANUAL BEFORE OPERATING UNIT. RETAIN FOR FUTURE REFERENCE.



The Audiobahn Way

To bring the product to market that excites the consumer through sound and vision from an orientation of integrity and customer service. We make you look as good as you sound. We strive to take car audio to an extreme the world has never seen, and a world that never stops evolving.

Audiobahn was established in 1997 with one long-term goal in mind, **"Build it Bigger, Badder, & Better, and the people will take notice!"** We back this statement with an engineering team that has brought home several Innovations, Design & Engineering Showcase Awards, and a marketing team from around the world that spends countless hours developing our no compromise products to satisfy the most discriminating enthusiasts.

Our global manufacturing facilities feature ISO9002 ratings (the highest level of quality control awarded in the electronics manufacturing industry), fully robotic assembly lines and a state of the art, California based R & D laboratory.

Due to overwhelming response from our competitors, and our goal to participate in even more events this year, we created **"TEAM AUDIOBAHN."** This organization is designed to create a support network along with shirts and perks for team members. "TEAM AUDIOBAHN" is not only for the diehard competitor, but also for anyone that loves car audio as much as we do. With four levels of play, one is right for you to get started in the Audiobahn family.

Our Technical Department and entire staff look to strive above and beyond the rest of the pack by going that extra mile to help you out. Whether you happen to be a veteran competitor, or a beginner car audio enthusiast that does not know a voice coil from a spider. We are all here to help you get the best system you can with what you have.

Judge for yourself, and remember what it's all about, **"If it's not Bigger, Badder & Better, it's not Audiobahn."** If audio is your life, Audiobahn is the brand for you! We make you look as good as you sound. People never stop trying to get the best product, so we will never stop making it.

*To learn more about "TEAM AUDIOBAHN" please give us a call, see our website at www.audiobahninc.com, or email us at team@audiobahninc.com to learn about all the details.

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Introduction

Dear Customer,

Congratulations on your purchase of the worlds finest brand of car audio products. Here at Audiobahn Inc. we are devoted to making our musical reproduction the very best, and we are pleased you have chosen our product. Through years of engineering expertise, hand craftsmanship, and critical testing procedures, we have created a wide range of products that reproduce music with all the clarity and richness you deserve.

For maximum performance we recommend you have your Audiobahn product installed by an Authorized Audiobahn Dealer, as we provide specialized training through our Audiobahn Installer Training Programs. Please read your warranty, keep your receipt, and original carton for possible future use.

Great products and proper installation are only a small piece of the puzzle when it comes to your system. Make sure that your installer is using only 100% authentic installation accessories from the Audiobahn Connections. The Audiobahn Connections line has everything ranging from the smallest terminal, to power wires up to 0 gauge, and 4 channel RCA cables.

To get a free brochure on Audiobahn products and Audiobahn Connections in the U.S. call (714) 988-0400 or e-mail us at sales@audiobahninc.com.

WARNING

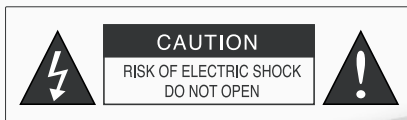
Continuous exposure to sound pressure levels over 100 dB may cause permanent hearing loss. High powered autosound systems may produce sound pressure levels well over 135dB. Need we say more! Use common sense.

If after reading this manual, you still have questions regarding your product, we recommend that you see your nearest Audiobahn Dealer. A list of Authorized Audiobahn Dealers can be found on our web page. If you need further assistance, feel free to call us at (800)488-8595 and ask for the Technical Department. Be sure to have the model number, date of purchase, and invoice number available when you call.

The model number can be located on the outside of the carton. Record this in the space provided below along with the date of purchase. It is a good idea to keep your receipt with this, as you will need it in the case of a warranty repair or exchange.

Model Number: _____ Date of Purchase: _____

Important Information



TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

CAUTION: DVD PLAYERS USE AN INVISIBLE LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE PLAYER CORRECTLY AS INSTRUCTED.

CAUTIONS

Caution : To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention : Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

FCC NOTE (for U.S.A):

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect this equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This class B digital apparatus meets all requirements of the Canadian Interference -- Causing Equipment Regulations.

CLASS 1 LASER PRODUCT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT

Safety Information

CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS IN THIS OWNER'S MANUAL AND THOSE MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing.

This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1. Read owner's manual

After unpacking this product, read the owner's manual carefully, and follow all the operating and other instructions.

2. Power Sources

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

3. Grounding or Polarization

This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

4. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to. In summer, ventilate for 10 minutes before playing Disc. In winter, play Disc after igniting the car.

5. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

6. Water and Moisture

Do not use this product near water—for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool and the like.

7. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

8. Power-Cord Protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

9. Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

10. Lightning

For added protection of this product during storms, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

11. Object and Liquid Entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

12. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

13. Accessories, Carts, and Stands

Do not place this product on an unstable cart, stand, tripod, bracket, or table.

The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product.

Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



14. Disc Slot

Keep your fingers well clear of the disc slot as it is closing. It may cause serious personal injury.

15. Burden

Do not place a heavy object on or step on the product. The object may fall, causing serious personal injury and serious damage to the product.

16. Connecting

When you connect the product to other equipment, turn off the power and unplug all of the equipment from the wall outlet. Failure to do so may cause an electric shock and serious personal injury. Read the owner's manual of the other equipment carefully and follow the instructions when making any connections.

17. Sound Volume

Reduce the volume to the minimum level before you turn on the product. Otherwise, sudden high volume sound may cause hearing or speaker damage.



18. Sound Distortion

Do not allow the product to output distorted sound for a longtime. It may cause speaker overheating and fire.

19. Laser Beam

Do not look into the opening of the disc tray or ventilation opening of the product to see the source of the laser beam. It may cause sight damage.

20. Disc

Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and product malfunction.

21. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a) When the power-supply cord or plug is damaged.
- b) If liquid has been spilled, or objects have fallen into the product.
- c) If the product has been exposed to rain or water.
- d) If the product does not operate normally by following the operating instructions.
Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e) If the product has been dropped or damaged in any way.
- f) When the product exhibits a distinct change in performance-this indicates a need for service.

22. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

23. Replacement parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

24. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

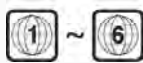
25. Installation

Do not stand the player in the left and right direction on above of the angle +10 ~ -10 when playing in a car or at home.
(It may not operate.)

Information About Discs



DVD(Digital Versatile Disc) can record 135 minutes' picture, 8 languages sound and maximum 32 languages sub-titles. You can enjoy cinema-like live picture and crystal clear sound with MPEG-2 compression technology and dolby digital surround.



Both the DVD player and the discs are coded by region. These regional codes must be matched in order for the disc to be played. If the codes are not matched, the disc will not be played.

Discs you can play



Discs that cannot be played

- DVD PLAYER can not play LD, CD-G, CD-I, CD-ROM, DVD-ROM.
- DVD PLAYER might not play commercial disc or disc obtained outside the residence.
(When ⊗ appears on screen, it indicates an invalid button press.)

Copy Protection

- Most DVD discs are encoded in cryptogram to prevent disc copy.
- This product incorporates copyright protection technology that is protected by the methods of claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation, and is intended for home and other limited viewing uses only unless authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.
- This product is manufactured by technical co-operation with Dolby Laboratories



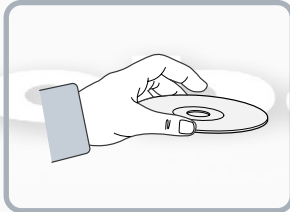
this symbol and trademark are reserved for Dolby Laboratories.

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Caring for Your Discs

- Be careful in handling the disc, because the slight flaw in disc might affect picture on the screen.

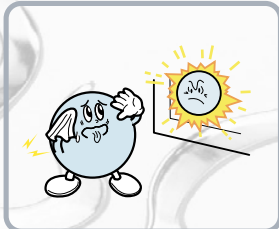
How to handle disc



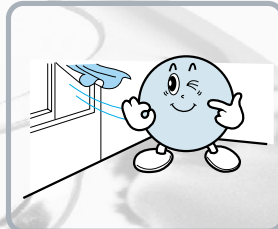
- You can pick up disc without difficulty if you press the center of supporting part when extracting disc from the case.
- Please refer to the left illustration, and do not touch the surface of disc when moving the disc.
- Do not paste paper or adhesive tape on the disc. It might bend a disc.
- Be careful not to leave a fingerprint or stain on the disc. Wash your hands before handling the disc.

- Caution**
- Be careful not to leave a dirt or other substance on the disc.
 - Do not play a cracked or scratchy disc.

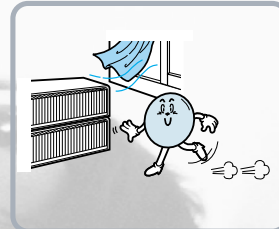
Disc Storage



Do not keep under direct sunlight.



Keep in a cool ventilated area.



Store vertically.
Keep in a clean protection jacket.

- Reference**
- Sudden shift of the product from cold place to warm place might make a dewdrop on the playing part or lenses causing malfunction. In this case, use after 1~2 hours plugging the product.

How to clean the disc



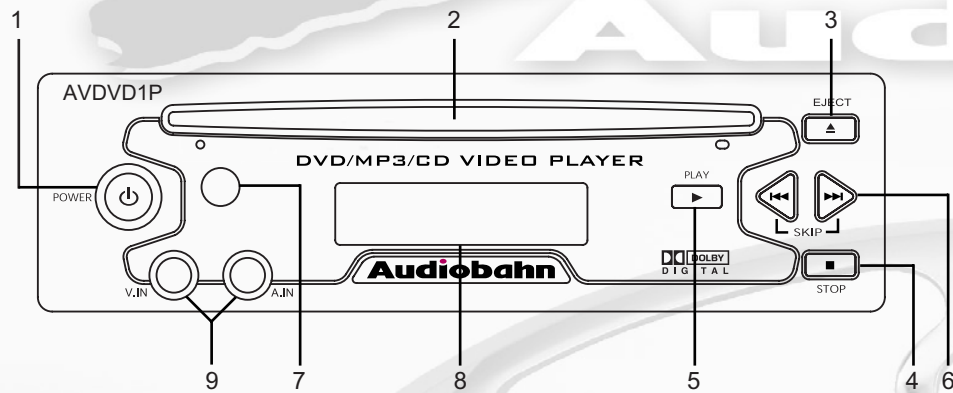
Wipe the disc with dry cloth after cleaning with soft cloth dampened with neutral detergent in cleaning the stained disc.

- Clean the disc from inside to outside.

- Reference**
- Do not use thinner, benzen, commercial detergent, alcohol, electrostatic-preventing spray which might cause damage the disc.



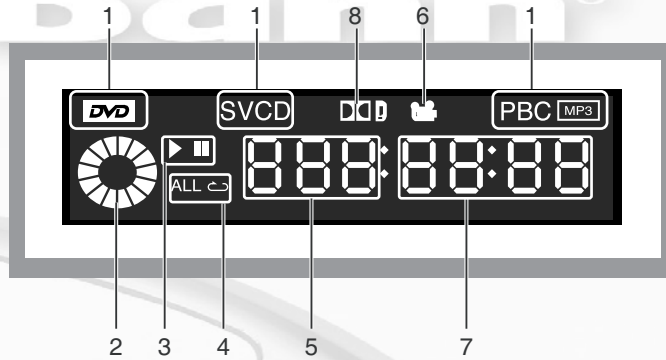
Front Panel



- | | |
|-------------------|--|
| 1) POWER | Turns the power on/off. |
| 2) Disc In | A Disc is inserted here. |
| 3) EJECT | A Disc is ejected by this button. |
| 4) STOP | Stop disc play |
| 5) PLAY | Begin disc play |
| 6) SKIP | Use to skip a scene or music |
| 7) Remote Sensor | Receives a light signal from the remote controller. |
| 8) Display Window | Displays information about the current state of the player and the disc. |
| 9) Aux inputs | Aux Audio / Video inputs |

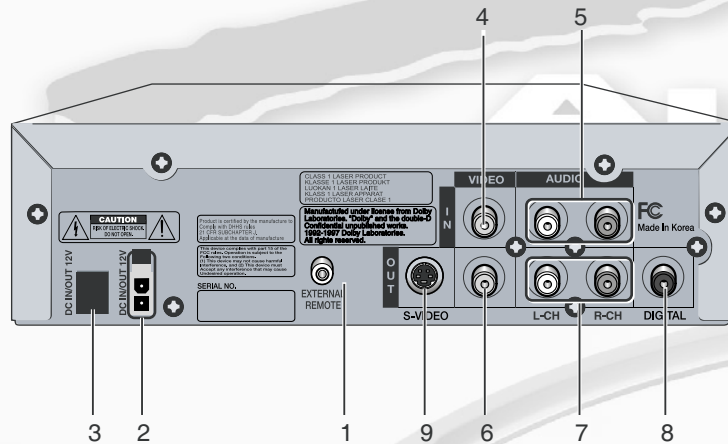


VFD Display



- | | |
|----------------------------|--|
| 1) DVD/SVCD/VCD/CD/PBC/MP3 | Illuminates the type of the disc loaded on the disc tray |
| 2) Rotation | Rotates when the disc is spinning. |
| 3) Play/Pause | Indicates the current operation mode. |
| 4) Repeat/All | Indicates the current repeat play mode. |
| 5) Chapter/Track | Illuminates the chapter or track information of the DVD disc under play. |
| 6) Angle | Indicates that the current disc being played is viewed as multi angle. |
| 7) Time | Indicates time information and displays information about operation. |
| 8) Dolby Digital | Indicates that the audio type of the disc under play in Dolby Digital. |

Rear Panel



1) EXTERNAL REMOTE CONNECTOR

Connect an external remote cable(provided) to this jack.

2) DC IN/OUT

Connect DC 12V power cable.

3) DC IN/OUT

Input from DC 12V power source from cigar jack.

4) VIDEO INPUT

Connect a video cable to video output of auxiliary devices.

5) AUDIO INPUT

Connect a audio cable to audio output of auxiliary devices.

6) VIDEO OUT

Connect a video cable to this jack and to the Video Input jack on your TV.

7) AUDIO OUT

Connect the audio cables(left and right) from these jacks on your DVD player to the corresponding Audio Input jacks on your TV or Receiver.

8) DIGITAL AUDIO OUT (Coaxial)

Use a coaxial cable(not provided) to connect your DVD player to a compatible Dolby Digital.

9) S-VIDEO

Use the S-Video cable to connect this jack to the S-Video jack on your television for a higher quality picture.



Important Safety Instruction When Using DC IN Jacks

1. When using this DVD player at home

Warning: Use AC/DC Adapter (DC 12V, 2A) when playing the DVD player at home using an external power source.

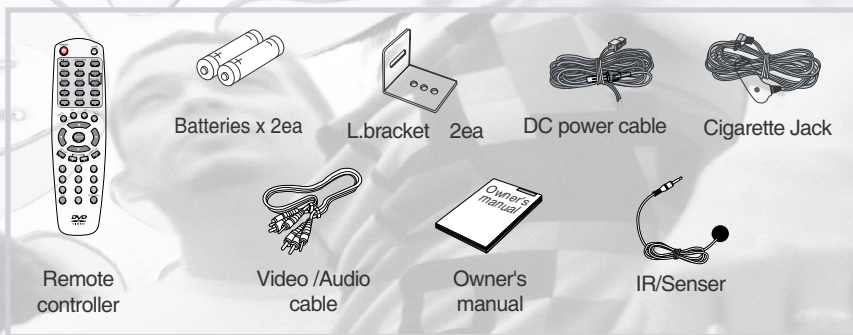
2. When using this DVD player in the car

Connect a cigar jack to DC input (3).

3. When connecting the DC power cable to the Acc power.

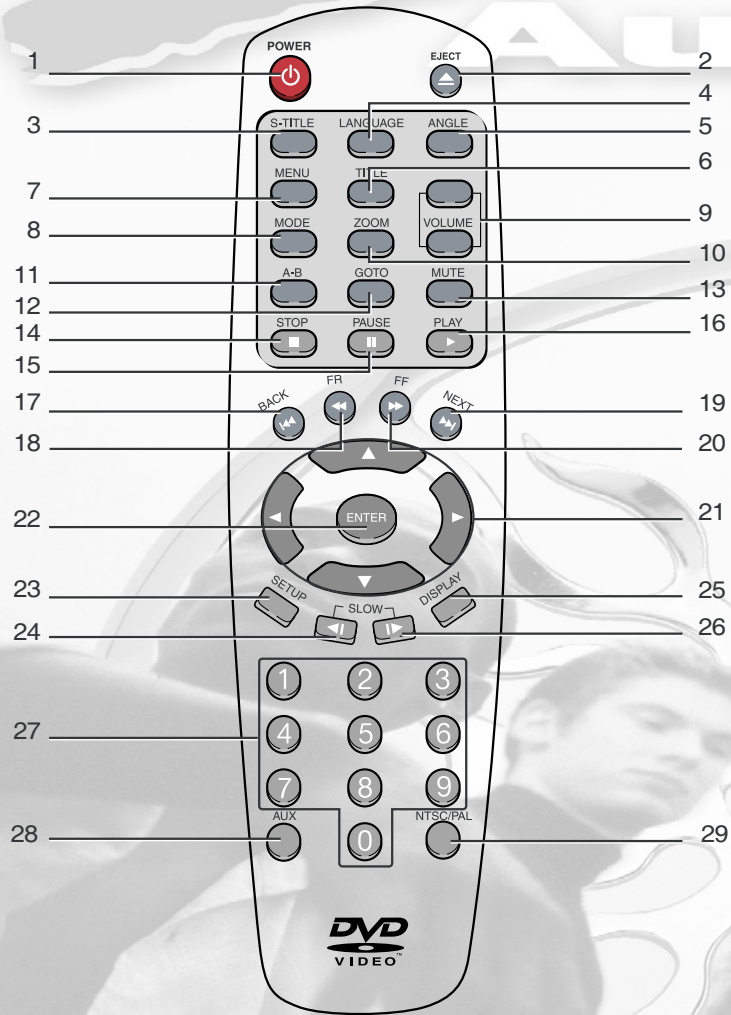
Warning: 1. Unplug the DVD player when you are not using to prevent electric discharge.
2. Do not connect the DC power cable to the car battery directly.

Accessory





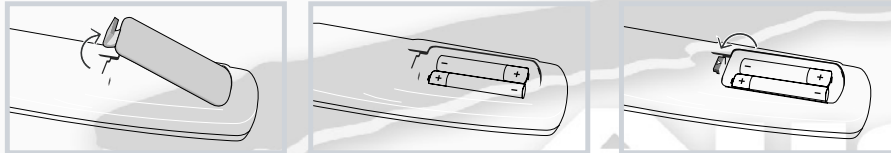
Remote Control Layout



Controls and Functions

1. **POWER**
Use to turn on or off the DVD player.
2. **EJECT**
Use to insert or eject disc.
3. **S-TITLE**
Use this button to choose subtitle.
(only when the disc supports various language subtitles).
4. **LANGUAGE**
Use this button to choose language
(only when the disc supports various language sounds).
5. **ANGLE**
Use to access various camera angles on a disc (only when the disc supports multiple camera angles).
6. **TITLE**
Displays the titles on the disc under play.
7. **MENU**
Shows the menus of the disc under play.
8. **MODE**
Use this button to choose playmode or repeat mode.
9. **VOLUME**
Increases and decreases the volume.
10. **ZOOM**
Zooms in on picture.
11. **A - B**
Repeats the selected segment.
12. **GOTO**
Use to go to the track or chapter of the DVD disc you want.
13. **MUTE**
Cuts off the sound.
14. **STOP**
Stops disc play.
15. **PAUSE**
Use this button to stop for a while.
16. **PLAY**
Begin disc play.
17. **BACK**
Moves previous chapter(DVD) or track(VCD, CDDA, MP3).
18. **FR**
Reverses through the disc from 2X to 20X faster.
19. **NEXT**
Use to move to the next chapter(DVD) or track(VCD,CDDA, MP3).
20. **FF**
Forwards through the disc from 2X to 20X faster.
21. **ARROW**
Use to move to the desired menu.
22. **ENTER**
Use this button to choose menu you want.
23. **SETUP**
Use to set various functions according to individual preference.
24. **SLOW BACK**
Reverses through the disc from 1/2X to 1/7X faster.
25. **DISPLAY**
Shows the information about title, chapter of the disc under play.
26. **SLOW FORWARD**
Forwards through the disc from 1/2X to 1/7X faster.
27. **NUMERIC BUTTONS**
Use when making a selection on menu screens.
28. **AUX**
Playbacks picture/sound from outside video/audio data.
29. **NTSC/PAL**
Use to choose broadcasting methods(only when DVD player is not operating).

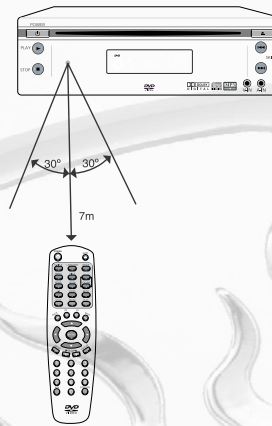
Installing Batteries in the Remote Control



1. Slide and open the battery cover.
2. Insert new batteries and ensure that the polarities are correct when inserting.
3. Slide and close the battery cover.

Using the Remote Control

The effective operating range of the remote controller is 7m, and 30° left and right degrees from the DVD receiver.



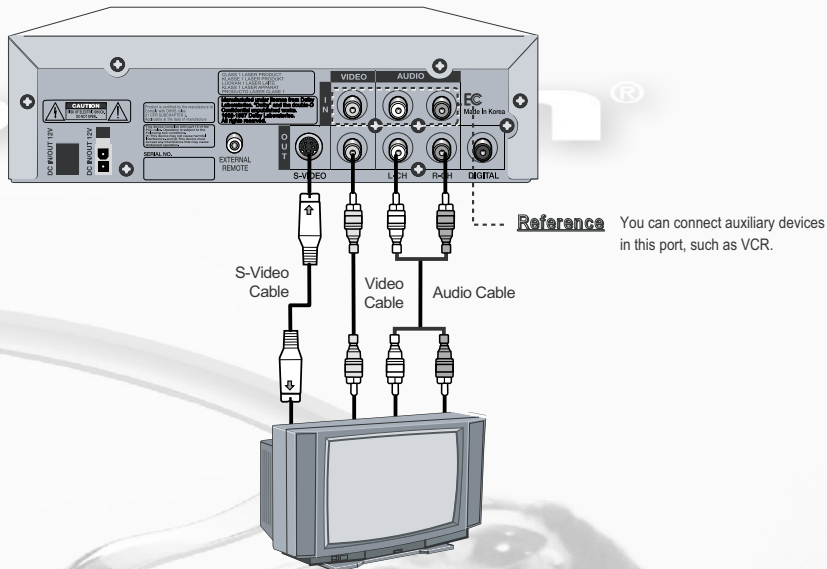
Battery Handling Precaution

- Incorrect use of the battery cause leakage or corrosion.
- Ensure that polarities are correct when inserting batteries.
- Do not impose heat or fire to the batteries. Do not disassemble or short-circuit the batteries
- Ensure that exhausted batteries are not inserted into the remote controller.
- Do not use different types of batteries together. Do not use old batteries together with new ones.
- If you don't use the remote controller for a long time, remove the batteries to avoid possible damage from battery corrosion.
- Replace the batteries with new ones if the remote controller does not operate smoothly or the operating distance comes to be short.
- If battery leakage occurs, clean the liquid completely from the remote control and insert new batteries.

Remote Control Handling Precaution

- Do not give a shock to remote controller.
- Do not leave a remote controller in a hot or damp place.
- Do not drop water or place a heavy object on the product on a remote controller.
- Do not disassemble a remote controller.

Connecting to a TV



1. Connect the audio cables between the AUDIO OUT (L/R) jacks on the back of your DVD player and the corresponding Audio Input jacks on your TV. (If you have one Audio input jack on your TV, connect the audio cables on the left jack of your DVD player)
2. Connect the video cable between the VIDEO OUT jack on the back of your DVD player and the corresponding Video Input jack on your TV. (If you have S-video jack on you TV, connect this jack. You will watch a better picture.)

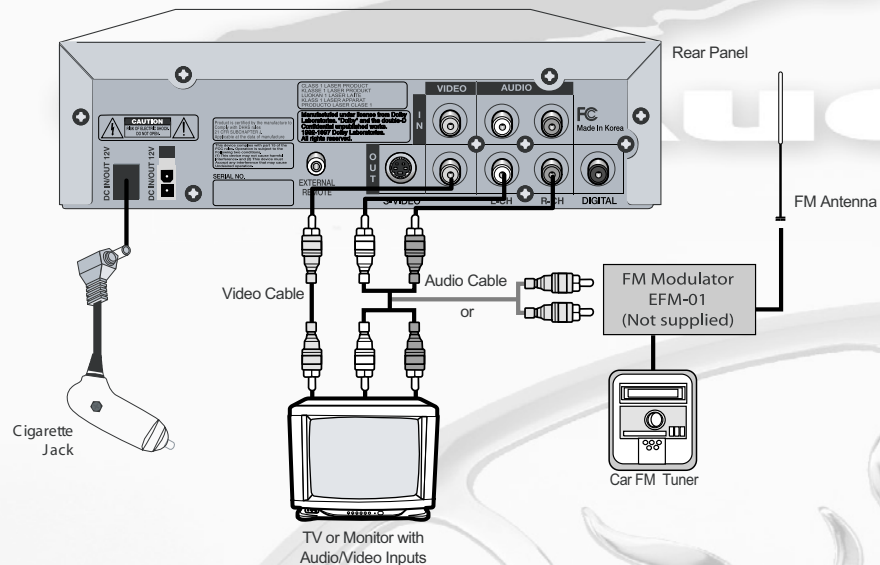
Caution

- When you connect the DVD player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connection.
- Connet the DVD player to your TV directly.
- If you connect the DVD player to a VCR, the playback picture will be distorted because DVD video discs are copy protected.

Warning

- Do not set the Digital Audio Output of this DVD player to "PCM" unless you are connecting the Digital Audio jack of this DVD player to an AV decoder that has Dolby Digital decoding function.
- High volume sound may damage your hearing as well as speakers.

Connecting to a TV / AUDIO System



1. Connect the audio cables between the Audio Out L and R jacks on the back of your DVD player and the corresponding Audio Input jacks on your audio system. You can listen more loudly to the sound of audio CDs and DVD video discs in stereo when you are using a FM modulator.
2. Connect the video cables between the Video Out jacks on the back of your DVD player and the corresponding Video Input jacks on your TV.

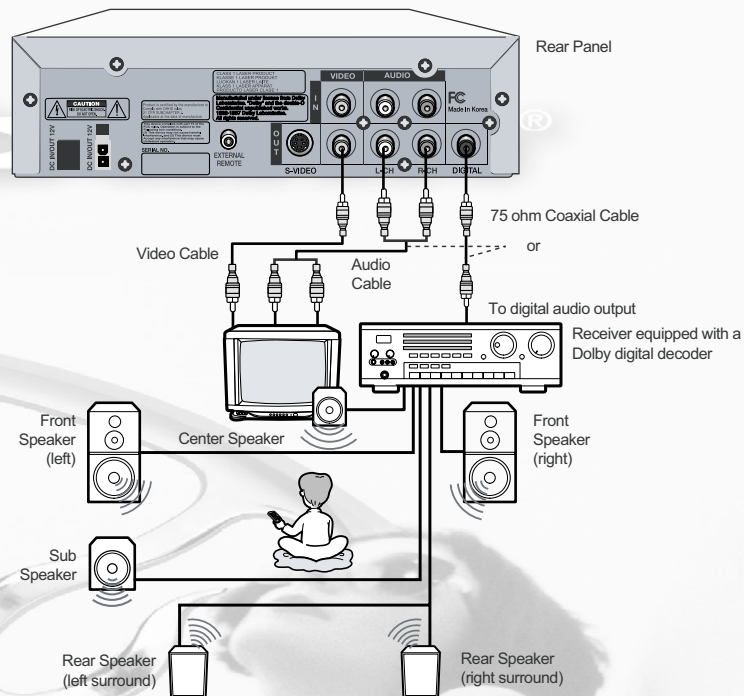
Caution

- When you connect the DVD player to other equipment, be sure to turn off the power and unplug all of the equipment from the power source before making any connections.
- Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume level.
- Turn off the receiver before you connect or disconnect the DVD player's power cord. If you leave the receiver power on, the speakers may be damaged.


Warning

- Do not set the Digital Audio Output of this DVD player to "PCM" unless you are connecting the Digital Audio jack of this DVD player to an AV decoder that has Dolby Digital decoding function.
- High volume sound may damage your hearing as well as speakers.

Connecting to a Dolby Digital Amp



- DVD disc must be recorded in Dolby Digital.
- You must have Dolby Digital decoder or 6 channel Amp, 5 speakers and 1 bass woofer.
- You must set Digital Out of AC3 at "Raw" in Audio Setting
- This product is manufactured by technical co-operation with Dolby Laboratories

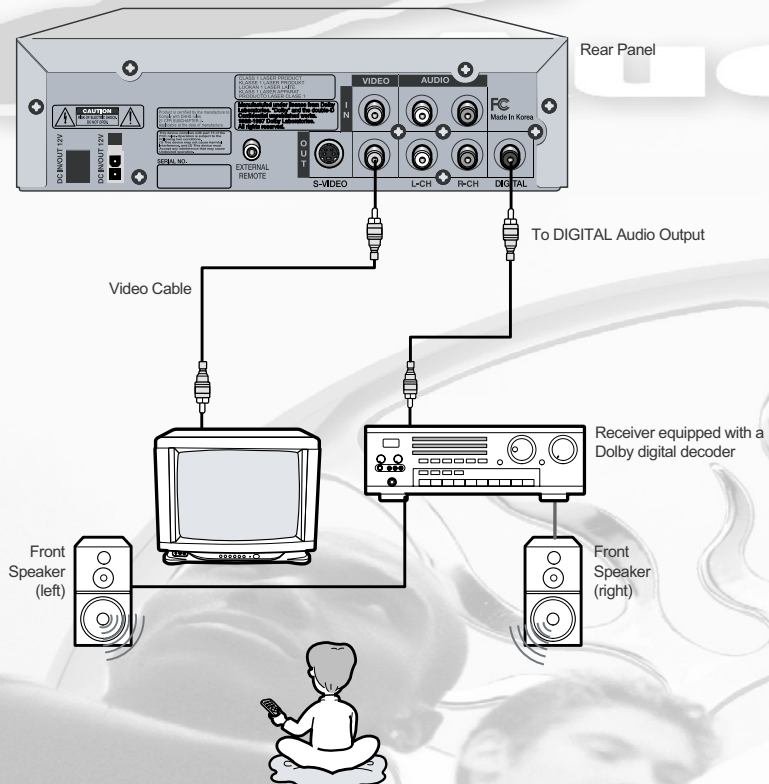
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Caution

- When connecting an amplifier equipped with Dolby Digital, connect it in the same way as shown above
- When connecting it, refer to the Audio system's manual.
- Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume level.
- Turn off the receiver before you connect or disconnect the DVD player's power cord. If you leave the receiver power on, the speakers may be damaged.

Enjoying 2-Channel Digital Stereo Sound



- Caution**
- You must set Digital Out of AC3 at "PCM" in Audio Setting.
 - When connecting it, refer to the Audio system's manual.

Before Playing a DVD

When connecting to output componets, refer to "Connection" Chapter and output componets' manual.
Turn on the power of the Amplifier, if it is connected.


First, turn on the power of TV, and press TV/Video button.

Press the **Power** button of DVD player




- "No disc" is displayed on the screen, following "Loading..."

Reference

- The player is automatically turned off, if "No disc" is on the screen for 8 minutes.
- If  is on the screen when you pressed certain button, it means that this button is not used in this disc which is being played.


Caution


- Do not move DVD player when it is playing. This may cause damages to the disc.
- Be sure to press  button to eject disc.
If you eject disc by force, disc may be damaged.
- Do not insert any other object than disc in the slot.
- Certain function may not operate or operate differently depending on the disc.
In this situation, refer to the contents of the disc case.










Insert the DVD disc

- Make sure that the disc's label is facing up.
- Sliding into the slot, the disc is automatically played

To stop Press the button  "(STOP)"

To stop temporarily Press the button  "(Pause)"

To resume again Press the button  "(PLAY)"

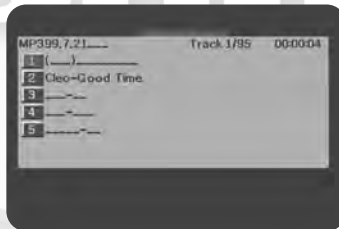
- Reference**
- The player memorizes the position you pressed the button  and if you press the button  the player resumes from the position you pressed the button  If you want to replay from the beginning, press the button  twice.
 - Press the button  to stop disc temporarily.
If you press the button  once again, it replays the disc one scene by one scene.
 - Refer to the page 34-35 to change language or subtitles while it is playing.
 - It may take several time in reading disc while it is playing, it is not a breakdown.
So wait for a while.


- Caution**
- Eject the disc when it stopped completely.
 - "No disc" is displayed on the screen, when you inserted disc upside down, damaged disc, and other unplayable disc.
 - "REGION ERROR" is displayed on the screen, when regionally unmatched disc is inserted.





Insert the MP3 disc.

- Make sure that the disc's label is facing up.
- Sliding into the slot, the disc is automatically played



To stop Press the button  "(STOP)"

To stop temporarily Press the button  "(Pause)"

To resume again Press the button  "(PLAY)"

To replay a song you want

1. Press the button (ENTER) after choosing a song (track) you want by using Arrow button.
(▲ ▼ ◀ ▶) Then the selected song you selected will start automatically.
2. You can replay the song directly by entering the number of the song.

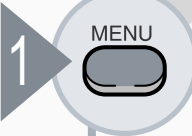
- 14 tracks are displayed on the screen. If you want see more tracks, use the button ◀ ▶ .
- Press the button ◀ ▶ to enjoy next or previous song.
- You can enjoy song in another folder by using the button Menu.

About MP3

- MP3 file must be formatted by ISO 9660 or JOLIET
- The file name of MP3 can not use particular letters. (\, /, :, *, !, ", <, >, | ...)
- You can not record copy-protected MP3 file
- You may not play certain MP3 disc depending on the recording condition.

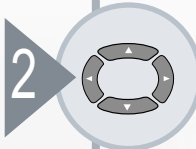
You can select the following menu when menu are recorded in discs.

To display recorded menu in disc DVD/VCD 2.0



Press the **MENU** button

- The menus recorded in discs appears.
Menu appears differently depending on discs.
- ON/OFF of PBC function are selected repeatedly each time you press the button (Menu) (VCD2.0)
- CD, VCD1.1 does not have disc menu function.



Press the **▲▼◀▶** buttons to move to item you want, and press the **ENTER** button.

The picture which you can set up various menu in advance appears after pressing the button(SETUP) with the unit in Stop mode. The information about the picture is as follows.

1

SETUP



Press the **SETUP** button with the unit in Stop mode.

- following picture appears



- **Setting up language**

You can set up text language, subtitles, Audio language, disc menu language, menu index, factory mode.

- **Setting up Screen**

You can set up the size of screen, broadcasting method.

- **Setting up Audio**

You can set up the digital/analogue out method and the volume of analogue audio out.

- **Setting up Parental Control**

You can set up the parental control level

Press the button ◀ ▶ to move each menu.

Press the button (ENTER) to choose menu you want.

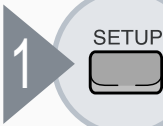
2



Press the ◀ ▶ buttons to move to menu you want and press the ENTER button.

Setting up Language

You can display OSD, subtitles or listen audio by language you want.



Press the **SETUP** button with the unit in Stop mode.



Press the ◀ ▶ buttons to move to Language Setting Menu and press the **ENTER** button.



- **OSD Menu**
- **Subtitle**
- **Audio**
- **DVD Menu**
- **Default**

when selecting menu language of DVD player

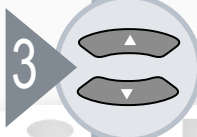
when selecting subtitles.

when select "Auto", it is set up as the first recorded language.

when selecting language you listen from speakers.

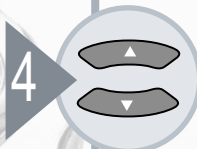
when selecting language of each menu recorded in disc.

when resetting at the factory send-out condition.




Press the ▲▼ buttons to move to Language Item and press the **ENTER** button.

- Languages you want to select appear.



Press the ▲▼ buttons to select Language and press the **ENTER** button.

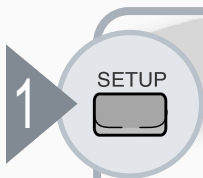



Press the button  to exit from the SETUP screen.

- Reference**
- The selected language does not appear in menu even if you followed above instruction, if selected language is not recorded in disc.

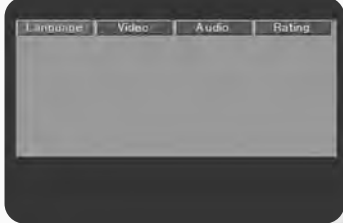
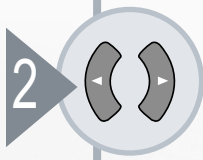
Setting up Video Item


You can use the setup menu as follows:

- 


1 **SETUP**


Press the **SETUP** button with the unit in Stop mode.


- 

2 

Press the ◀ ▶ buttons to choose the desired screen menu and press the **ENTER** button.





3



Press the ▲ ▼ buttons to set selection and then press the ENTER button.



TV Shape

- 4 : 3 PS : You can watch 4:3 screen, but up and down side of screen is blackened.
- 4 : 3 LB : You can watch only the middle part of 4:3 movie.
- 16 : 9 : You can watch the screen at 16:9 ratio.


TV System

- NTSC : When connecting to TV with NTSC method.
- PAL : When connecting to TV with PAL method.
- Auto : Automatically selected depending on disc.

4

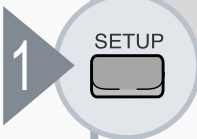


Press the ▲ ▼ buttons to item you want and press the ENTER button.

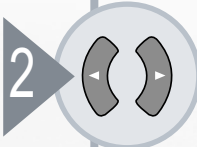
Press the button  to exit from the SETUP screen.



Setting up Audio



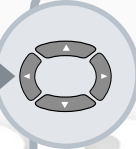
Press the SETUP button with the unit in Stop mode.



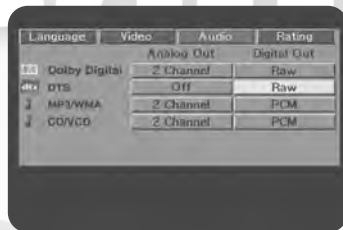
Press the arrow buttons to choose an Audio Setting and then press the ENTER button.




3



Press the ▲ ▼ ◀ ▶ buttons to set your selection and then press the **ENTER** button.

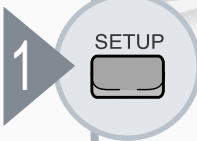


Dolby Digital Set up PCM of Digital out at "Raw" in the case of being connected to Dolby Digital Amplifier.

Press the button  to exit from the SETUP screen.

Setting up the Parental Control

This setting prohibits children from watching violent, voluptuous disc by classifying grade on disc. You can grade by 8 rating levels. It works with DVD discs that have been assigned a rating.



Press the **SETUP** button with the unit in Stop mode.

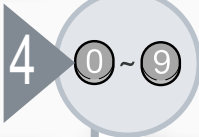


Press the ◀ ▶ buttons to choose Parental Control and press the **ENTER** button.



Press the ▲ ▼ buttons to move to Password item.

Selecting Audio Languages



Enter the password with the **Numeric** buttons.

Memorize the password. In case you forget the password, this function is not working. Key icon on the screen does not open if not matched with password.



Press the **▲▼** buttons to move the Parental Control Menu.



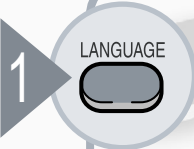
Press the **ENTER** button to select grade you want.

Parental Control rating changes each time you press Enter button
If you select Rating Level 6, Rating Level 7,8 does not replay.
The bigger the number is, the closer to adult the disc is.





Select the Audio Language



Press the LANGUAGE button to change the Audio Language (DVD).



- You can select various language Kor, Eng by pressing the LANGUAGE button (DVD), if disc has audio information.

Reference

- Audio Language index may differ depending on disc.
- One disc can record maximum 8 languages.
- Set up audio language in "SETTING DVD" chapter if you want a same language each time you replay DVD

Selecting Subtitle Languages

1

S-TITLE



Press the **S-TITLE** button to change subtitles.



- You can select various subtitles Kor, Eng, Jap- by pressing the S-TITLE button (DVD), if disc has subtitle information.
- Turn off subtitles by pressing the S-TITLE button, if you do not want subtitles.

Reference

- Subtitles indication may differ depending on disc.
- One disc can record maximum 32 languages.
- Set up subtitles in "SETTING DVD" chapter if you want a same subtitle language whenever you replay DVD

Reference

- Audio Languages/Subtitles may not operate depending on disc
- This function does not operate with the unit in pause mode.
- This function operates with the unit in play mode.

Confirming Screen Display

Screen display may not operate with some discs.

1

DISPLAY



Press the DISPLAY button.

The first screen shows present lapsing time and total running time of present track.



2

DISPLAY



Press the DISPLAY button once more (VCD/CD).

The screen shows the present lapsing time and remaining time of disc



3

DISPLAY



Press the DISPLAY button once more.

The screen shows all information about disc.



This screen appears right after loading when playing CD title. The total running time is displayed on screen when pressing the "Display" button. The present lapping time is displayed when pressing the "Display" button.

- DVD

The present title, chapter number, lapping time, total running time, audio/subtitle languages, angle are presented.

- VCD/CD

The present track number, present track lapping time, present track total running time are presented.

4

DISPLAY



Press the DISPLAY button once more, Display indicator disappears.

- What is Title?

It means one movie recorded in disc.

- What is Chapter?

It means subdivided respective units of one movie recorded in disc.

- What is Track?

It means divided unit of scene, or one song recorded in disc.

To Skip Screens or Songs (DVD/VCD/CD):

1



Press the button (BACK,NEXT).

 When you press the BACK button

- Moves to beginning of present chapter/track.
- If you press once more, it moves to previous chapter/track.

 When you press the NEXT button

- Moves to following chapter/track of present chapter/track.


To Scan Screens or Songs Fast (DVD/VCD/CD)

1



Press the button (FR/FF).

Play speed changes in the sequence of 2X, 4X, 8X, 20X.

- Press the PLAY  button to play at normal speed.
- You can not listen sound at fast Playingback.
- Fast Playingback does not operate while playing MP3.

Slow Motion Play

To playback in slow motion:

1




Press the **SLOW** button.

 When you press the SLOW button

Play speed changes in the sequence of 1/2X, 1/4X, 1/6X, 1/7X each time pressing the SLOW button.

 When you press the SLOW button

Reverse Play speed changes in the sequence of 1/2X, 1/4X, 1/6X, 1/7X each time pressing the **SLOW** button.

- Press the **PLAY**  button to play at normal speed.
- You can not listen sound at slow Playback.
- Slow Playback does not operate while playing CD/MP3.


To Scan Each scene.

1



Press the **PAUSE** button with the unit in the Pause mode.

You can watch scene one by one each time press the PAUSE button.

- Press the **PLAY**  button to play at normal speed.

Reference

- You can not listen sound at scanning each scene.
- Scanning each scene does not operate while playing MP3.



To repeat a chapter, title, or track (DVD/VCD/CD):

1

MODE



Press the **MODE** button.

Play mode Menu appears on the screen.



2



Press the **▲▼◀▶** buttons to select Repeat item, and press the **ENTER** button.



- **In case of DVD**

Off : When you do not want to repeat playback

Title : when you want to repeat present title

Chapter : when you want to repeat present chapter.

- **In case of VCD/CD**

Off : When you do not want to repeat playback

Track : when you want to repeat present track.

Disc : when you want to repeat present disc.

To repeat a particular section:

1



Press the **A-B** button at the position from which you want to repeat.

Play mode Menu appears on the screen.



- Press the A-B button at the starting position and press the A-B button once more at the end position of the desired section.
- The selected segment (A-B) will be played repeatedly.
- To release repeat operation. Press the A-B button again.




- Reference**
- Repeat function may not operate depending on disc.
 - If title or track ends before pressing the button(A-B), the end position of the section will be the last part.
 - You must select the end position of the desired section in 1 second after pressing the button (A-B)
 - The player may not play WMA file which has data 48Kbps, 33KHz or less.

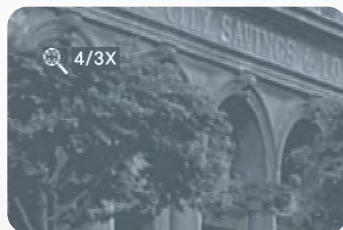
To enjoy the magnified screen (DVD/VCD):

1



Press the **ZOOM** button in Play or Pause state.

-  is displayed on screen and the screen ratio is displayed on screen.
- Each press of the ZOOM button enlarges screen in the following sequence
4/3X - 3/2X - 2X - Off



2



You can move the magnified screen by pressing the (▲▼◀▶) buttons.



To changing Angle (DVD):

When a DVD contains multiple angles of a particular scene, you can select the Angle function.

1



Press the **ANGLE** button.

- The Angle icon (📺) is present, and the maximum number of screen appears.



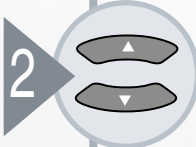
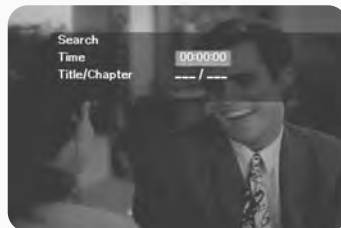
- Press the ANGLE button, select the Camera Angle you want
- If the maximum number of screen is 1, the Camera Angle does not change.

To scan by lapsed time (for example by 1 hour 5 minutes 15 seconds):

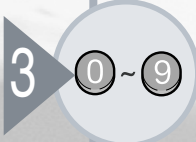
You can find the desired screen or song by lapsing time, title, chapter, track.



Press the **GOTO** button.



Press the arrow buttons to move the time.



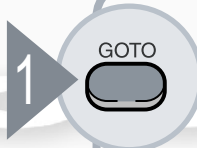
Press the buttons '1, 0, 5, 1, 5' using numeric button, and press the **ENTER** button.



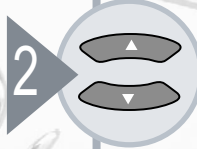
It playbacks the section lapsing 1 hour 5 minutes 15 seconds.



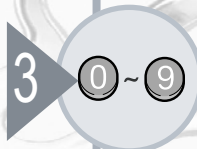
To scan by title / chapter (for example third chapters at first titles):



Press the **GOTO** button.



Press the arrow buttons to move to title/chapter item.



Press the buttons 1, 3, using numeric button, and press the **ENTER** button.

- Just enter the number of chapter to go to the position you want in the same title.





Insert the Disc.

- Make sure that the disc's label is facing up.
- Slide show begins from first picture automatically



1. You can enjoy slide show by 9 pictures at a time, if you press the button "Menu"
2. Choose the picture which you want by pressing the button (▲▼◀▶)
3. You can move to the next/previous picture by NEXT/PREV button. You can also move to the picture directly by pressing "Enter" button after pressing numeric button.
4. The picture rotates 90, 180, 270 original when pressing the button "Angle" Slide show begins again as before if you press the button "Play"
5. You can enjoy the 4/3X, 3/2X, 2X, 1/4X, 1/2X magnified/reduced screen by pressing the button "Zoom".

- Reference**
- Slide show can play 999 pictures.
 - Slide show play at 10 seconds interval automatically.
 - Slide show play only JPG/JPEG file
 - The JPEG file name can not use particular letters(\,/,;,*!,",<,>,|...)
 - Slide show may not play JPEG Disc depending on the recording conditon.

The player plays MP3/WMA first if you do not choose Play Mode within 10 seconds in case of disc has both MP3/WMA and JPEG file. You can also move to the screen any time by pressing the button "Title".

Specifications

Model	BSP-400	
General	Power Requirements	DC 12V 2A
	Power Consumption	15W
Disc	Weight	1.33Kg
	Dimension	178(D) X 175(W) X 50(H)
	Operating Temperature Range	0°C ~ +50°C
	Operating Humidity Range	30% ~ 80%
	Video Output	Composite Video : 1.0 V p-p S-Video Luminance Signal : 1.0Vp-p(75 ohm)
	Audio Output	2channel Left(1/L) Right (2/R) Output level : Analog Audio : 2.0 Vrms Digital Audio : 0.5V p-p
	S/N Ratio	100dB
	Dynamic Range	90dB
	Total Harmonic Distortion.(THD)	0.05%



Contact the service center if same phenomenon appears, after taking following measures.

<p>The picture is not seen on the screen while disc is running, or the picture has poor quality and wavers.</p>	<ul style="list-style-type: none"> • Ensure that TV is turned on. • Ensure that the power cord is plugged completely. • Check if the DVD Player is in "Pause Mode" • Check if the disc is dirty or damaged. • Poorly manufactured disc may not operate. • Picture may vibrate horizontally all of a sudden, when picture changes from dark to bright scene.
<p>The sound quality is poor.</p>	<ul style="list-style-type: none"> • Check if DVD Player is connected to Dolby Digital Amplifier. • Check if plug is connected securely. • Check if plug is stained by other objects.
<p>Remote controller does not work.</p>	<ul style="list-style-type: none"> • Check if remote controller is not pointed at the remote sensor of the DVD player or too far from the DVD player or there is an obstacle in path of the remote controller and the DVD player. • Check if the batteries in the remote controller are exhausted.
<p>Video or Audio does not operate, or disc is ejected after 2 ~ 5 seconds.</p>	<ul style="list-style-type: none"> • Didn't you move DVD player from cold place to warm place? Do not use DVD player for about 1 ~ 2 hours with power on after ejecting the disc. (After moisture disappears, you could use DVD player.)
<p>The DVD player does not work.</p>	<ul style="list-style-type: none"> • Check if disc is inserted. • Check if voltage is adequate. • Check if disc is inserted label facing up. • Check if disc has matching regional code with DVD player.



<p>No sound</p>	<ul style="list-style-type: none"> • Aren't you playing with the unit in slow or "Scanning each scene" mode. (You can not listen sound at changing speed mode). • Check if it is connected and it is set up properly. • Check if disc is inserted upside down? (Insert disc label facing up.) • Is disc damaged severely? (Clean the disc.)
<p>DVD player does not work as it is set up initially.</p>	<ul style="list-style-type: none"> • Initial setting up may operate differently depending on DVD disc.
<p>Screen ratio is not selected.</p>	<ul style="list-style-type: none"> • DVD disc is recorded by the condition of manufacturing as 16:9 Wide, 4:3 movie, 4:3 magnified screen. 16:9 wide disc is enjoyed at 16:9 wide mode, 4:3 movie mode, 4:3 magnified screen mode. 4:3 disc is always enjoyed at 4:3 screen. • Check the case of DVD disc, and select the function adequate to operation. For reference, 4:3 standard disc is not enjoyed at wide screen mode.
<p>The Dolby Digital 5.1 channel stereophonic sound does not operate.</p>	<ul style="list-style-type: none"> • You can enjoy Dolby Digital 5.1 channel stereophonic sound by connecting to a Dolby Digital exclusive Amplifier, and playing DVD disc recorded in Dolby Digital 5.1 CH.
<p>Audio language and Subtitles which are chosen does not operate.</p>	<ul style="list-style-type: none"> • Audio language and Subtitles operate in DVD disc recorded in such language.
<p>Camera Angles does not operate in disc play</p>	<ul style="list-style-type: none"> • You can change Angles on screen with disc recorded by Camera Angle only when "CAM" mark is present on the screen.

WARNING

Investigate the layout of your automobile thoroughly before drilling or cutting any holes. Take care when you work near the gas tanks, gas lines, hydraulic lines, and electrical wiring. Attach the system securely to the automobile to prevent damage, particularly in the event of an accident. Do not mount the system so that the wire connections are unprotected or are subject to pinching or damage from nearby objects.

The +12V DC power wire must be fused at the battery positive terminal connection. Before making or breaking power connections at the system power terminals, disconnect the +12V wire at the battery end. Confirm your radio/head unit and/or other equipment is turned off while connecting the input jacks and speaker terminals. If you need to replace the power fuse, replace it only with a fuse identical to that supplied with the system. Using a fuse of different type or rating may result in damage to this system which is not covered by the warranty.

Disclaimer

Specifications are subject to change without notice.
For the most updated Specifications call Audiobahn,
or your local Authorized Audiobahn Dealer,
or check the Audiobahn website.
www.audiobahninc.com

Audiobahn Consumer Product Warranty Policy

Audiobahn products are manufactured with the highest quality components and some of the most advanced technology available. Because of this, we recommend that you have your new products installed by an **Authorized Audiobahn Dealer**. (A list of **Authorized Audiobahn Dealers** can be found on our web page).

Warranty Period: One year from the original date of purchase.

Warranty Coverage: This warranty covers manufacturer defects only. The warranty is applicable to the original purchaser, and is non-transferable. You must have a receipt from an **Authorized Audiobahn Dealer** that shows the location of purchase, price paid, and date of purchase.

(Products purchased by consumers from an **Authorized Audiobahn Dealer** outside the United States, are covered only by that countries Distributor and not by **Audiobahn**).

Notes:

Complete subwoofer enclosures (**Audiobahn** will replace defective subwoofers, plexiglass, or neon only. Do not send the entire enclosure, unless the enclosure is defective itself. You must receive prior authorization and an RA# before sending in any complete enclosure).

Audiobahn will only replace L.E.D.(s) found to be defective at the time of purchase.

Audiobahn warranties do not cover the following:

- Any product not purchased from an **Authorized Audiobahn Dealer** (including Internet dealers)
- Damage caused by abuse, misuse, accident, water / flood, or theft (including any cosmetic damage to the body of the product)
- Damage caused by improper installation
- Any cost or expense related to removal or reinstallation
- Any unauthorized services
- Any product that has the serial number removed, altered, or defaced
- Subsequent damage to any other components
- Pinched, cut, or stripped wires
- Any product that is new, and/or found to be in working condition
- L.E.D. indicators on electronics

How to receive warranty service: Contact your local **Authorized Audiobahn Dealer**, or call **Audiobahn** at **(800) 488-8595** between the hours of 9:00 AM and 5:00 PM PST.

If you are having problems with your system, we recommend you check the product carefully and thoroughly to confirm that the product truly has a manufacturer defect; as opposed to abuse, or other components in the system causing the failure. This might include having an **Authorized Audiobahn Dealer** look at the product to confirm the source of the problem. Any product found to have a manufacturer defect will be replaced with a new piece of the same or similar model, or repaired at the discretion of **Audiobahn**. Any product found to have no manufacturer defect will be returned to the sender at their cost.

You must acquire a Return Authorization Number (RA#) prior to returning ANY product to Audiobahn. That Return Authorization Number (RA#) must be prominently and clearly marked on the outside of the shipping carton, or product delivery will be refused (no exceptions will be made).

Please note: All shipping and handling (to and from) charges will be the sole responsibility of the consumer.

Please record and keep your Return Authorization Number (RA#) in the event that further communication is required.

Return Authorization Number (RA#): _____

Date product was sent: _____

Contact Information

Audiobahn Headquarters
114 South Berry St.
Brea, CA 92821
Phone (800)488-8595 Fax. (714)988-0433
Pacific Coast Time : 9am-5pm Mon. - Fri.
tech@audiobahninc.com